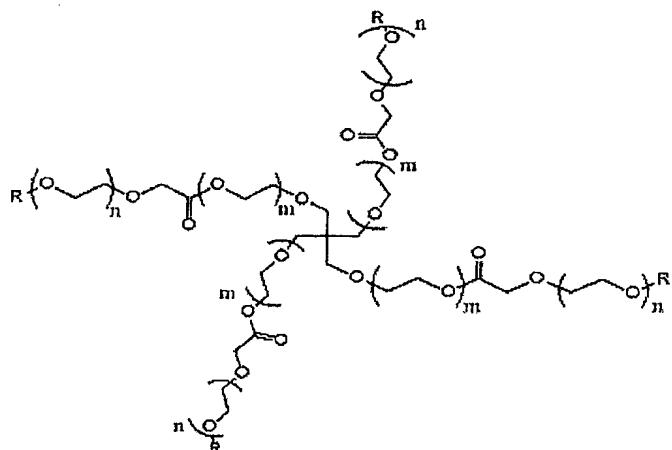


## CLAIMS

1. Pentaerythritol derivatives represented by the following formula 1:

[Formula 1]



5

(Wherein R is the same or different, saturated or unsaturated, linear or branched alkyl groups of 1 to 24 carbon atoms having hydrogen or hydroxy group or not; m and n are the same or different integers of which m is 0 to 10 and n is 1 to 10).

10 2. A method for preparing the pentaerythritol derivatives according to claim 1, characterized in that it comprises the steps of:

15 1) Synthesizing pentaerythritol derivatives by refluxing pentaerythritol, pentaerythritol ethoxylate or pentaerythritol propoxylate with carboxylic acid having ethylene glycol repeat unit (-OCH<sub>2</sub>CH<sub>2</sub>O-), in the presence of acid catalyst;

2) Purifying the pentaerythritol derivatives prepared in step (1).

3. The method for preparing the pentaerythritol derivatives according to claim 2, characterized in that said pentaerythritol ethoxylate or pentaerythritol propoxylate in step (1) has 4 to 40 ethylene glycol repeat units (-OCH<sub>2</sub>CH<sub>2</sub>O-) or 5 propylene glycol repeat units (-OCH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>O-) in its molecule.

4. The method for preparing the pentaerythritol derivatives according to claim 2, characterized in that said carboxylic acid in step (1) is saturated or unsaturated, linear or branched carboxylic acid of 6 to 75 carbon atoms having 10 ethylene glycol repeat units (-OCH<sub>2</sub>CH<sub>2</sub>O-).

5. The method for preparing the pentaerythritol derivatives according to claim 4, characterized in that said carboxylic acid is selected from the group consisting of glycolic acid ethoxylate 4-tert-butylphenyl ether, glycolic acid 15 ethoxylate 4-nonylphenyl ether, glycolic acid ethoxylate hexyl ether, glycolic acid ethoxylate heptyl ether, glycolic acid ethoxylate octyl ether, glycolic acid ethoxylate nonyl ether, glycolic acid ethoxylate decyl ether, glycolic acid ethoxylate lauryl ether, glycolic acid ethoxylate tetradecyl ether, glycolic acid ethoxylate hexadecyl ether, glycolic acid ethoxylate stearyl ether and glycolic 20 acid ethoxylate oleyl ether.

6. A liquid crystal base, characterized in that it comprises the pentaerythritol derivatives according to claim 1 in the amount of 10 to 70 wt%.

7. A skin moisturizer containing the pentaerythritol derivatives according to claim 1.